

APPLICANT(S): IDDAN, Gavriel, J.
SERIAL NO.: 10/046,540
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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the application.

Please add or amend the claims as follows:

1.-71. (Cancelled)

72. (Currently Amended) A method for determining body lumen conditions, the method comprising:

~~receiving admitting~~ an endo-luminal sample ~~in through a channel to~~ an interaction chamber, said interaction chamber including at least an indicator for reacting with an endo-luminal sample, said interaction chamber being behind an optical window:
illuminating the interaction chamber; and
imaging the interaction chamber.

73. (Previously Presented) The method according to claim 72 comprising imaging the interaction chamber with an optical system.

74. (Previously Presented) The method according to claim 72 comprising imaging the optical changes in the interaction chamber.

75. (Previously Presented) The method according to claim 72 comprising illuminating said interaction chamber wherein at least a portion of the interaction chamber is transparent in a wavelength of illumination.

76. (Previously Presented) The method according to claim 72, comprising transmitting images to an external receiver.

77. (New) The method according to claim 72, comprising pumping the endo-luminal sample into the interaction chamber.

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The Examiner is invited to telephone the undersigned to discuss any still outstanding matters with respect to the present application.

Please charge or credit any fees associated with this paper to deposit account No. 50-3355.

Respectfully submitted,


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